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JAPANESE MEDICAL MATERIAL

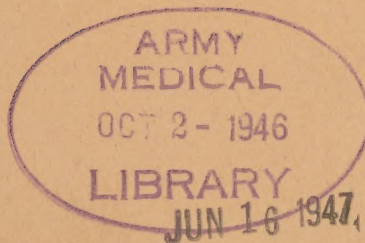
RESPIRATOR, TYPE KAWASAKI-DRAEGER

290369

REPORT NO. 202

1 April 1946.

MEDICAL ANALYSIS SECTION
5250th Technical Intelligence Company
APO 500



1 April 1946.

Respirator, Type Kawasaki-Draeger

SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported.

DESCRIPTION: This respirator was manufactured by the Kawasaki Aircraft Manufacturing Company. It was designed after a German apparatus and modified for Japanese use.

The air purifying apparatus is contained in a black metal case and is carried on the back.

The dimensions of the case are 16 3/4" x 13" x 6". The weight of the apparatus, including the mask and hoses and excluding the air purifying cannister and oxygen bottle, is approximately 15 pounds.

The hoses leading from the mouthpiece of the mask pass back over the shoulders of the wearer and are attached to outlet and intake valves near the top of the case. The air exhausted from the outlet hose passes through a valve into a purifying cannister and thence into a respiring bag.

The oxygen bottle joins at the valve in the bag and oxygen is mixed with the air before entering. Purified air then leaves the bag and is taken to the mask through the intake hose.

COMMENT: From all appearances, this modification of the German design was for the purpose of conserving critical metals and labor. All the metals used are of inferior grade and of light weight.

Photographs: Fig. 1 - Respirator, displayed.
Fig. 2 - Respirator, as worn.



Fig. 1 - Respirator, displayed.



Fig. 2 - Respirator, as worn